

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

5

Complete if Known

Application Number	10/541,574
Confirmation Number	7802
Filing Date	July 7, 2005
First Named Inventor	Kenji INAGAKI
Art Unit	1755
Examiner Name	Gennadiy MESH

Attorney Docket Number Q88973

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
1	US 7,087,299	B2	08-08-2006	TEIJIN FIBERS LTD	
2	US 7,189,797	B2	03-13-2007	TEIJIN LTD	
3	US 6,284,370	B1	09-04-2001	FUJIMOTO ET AL	
4	US 6,316,101	B2	11-13-2001	KATO ET AL	
5	US 2003/0059612	A1	03-27-2003	CHO ET AL	
6	US 2006/0147709	A1	07-06-2006	MIZUMURA ET AL	
7	US 2006/0057373	A1	03-16-2006	TEIJIN FIBERS LTD	
8	US 2006/0051576	A1	03-09-2006	SOEDA ET AL	
9	US 6,701,302	B1	03-02-2004	SCHAEFFER ET AL	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
10	JP	11350250	A	12-21-1999	UNITAKA LTD	Abstract	
11	EP	1 156 070	A1	11-21-2001	SK CHEMICAL CO, LTD		
12	JP	2003-160655	A	06-03-2003	TEIJIN LTD	Abstract	
13	JP	2003-119619		04-23-2003	TEIJIN LTD	Abstract	
14	WO	03/027166	A1	04-03-2003	TEIJIN LTD		
15	JP	2001-278971		10-10-2001		Abstract	
16	JP	2003-293222		10-15-2003		Abstract	
17	WO	92/13119	A1	08-06-1992	COLLINS ET AL	Abstract	
18	EP	1 437 373	A1	07-14-2004	TEIJIN LTD		
19	EP	1094137	A1	09-10-2000	BERGMANN ET AL	Abstract	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

<p>Substitute for Form 1449 A & B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	10/541,574
				Confirmation Number	7802
				Filing Date	July 7, 2005
				First Named Inventor	Kenji INAGAKI
				Art Unit	1755
				Examiner Name	NOT YET ASSIGNED
Sheet	2	of	5	Attorney Docket Number	Q88973

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
20	US 5,331,032			07-19-1994	SUZUKI ET AL
21	US 6,593,447			07-15-2003	TEIJIN LTD
22	US 2006/014920			01-19-2006	SHIRAKAWA ET AL
23	US 4,208,527			06-17-1980	HORLBECK ET AL
24	US 5,565,522			10-15-1996	BOHRINGER ET AL
25	US 5,744,572			04-28-1998	SCHUMANN ET AL
26	US 5,981,690			11-09-1999	LUSTIG ET AL
27	US 6,262,220			07-17-2001	PASCHKE ET AL

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
28	EP	1273610	A1		06-02-2002	MITSUBISHI CHEMICAL CORP	
29	GB	769220			03-06-1957		
30	WO	9619520	A1		06-27-1996	EASTMAN CHEMICAL CO.	
31	JP	2003-150655	A		05-23-2003	SEKISUI CHEM CO LTD	Abstract
32	JP	05106168	A		10-15-1991	TEIJIN LTD	Abstract
33	JP	8170248	A		07-02-1996		Abstract
34	JP	5209366	A		08-20-1993		Abstract
35	JP	7138354	A		05-30-1995	GENERAL ELECTRIC COMPANY	Abstract
36	JP	6108357	A		04-19-1994		Abstract
37	JP	2000-314038	A		11-14-2000		Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/541,574
				Confirmation Number	7802
				Filing Date	July 7, 2005
				First Named Inventor	Kenji INAGAKI
				Art Unit	1755
				Examiner Name	Gennadiy MESH
Sheet	3	of	5	Attorney Docket Number	Q88973

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
38	US 6,672,208	B2	01-06-2004	BECHTLER ET AL	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)		
39	WO	02070451	A1	09-12-2002	DUAN, J	
40	WO	02068497	A1	09-06-2002	DUAN ET AL	
41	WO	9910573	A1	03-04-1999	DEAN ET AL	
42	JP	2002-212833	A	07-31-2002		Abstract
43	JP	8209475	A	08-13-1996		Abstract
44	JP	10158947	A	06-16-1998		Abstract
45	CN	1302923	A	07-11-2001		
46	JP	2003-70083	A	03-07-2003		
47	JP	47-26597		10-25-1972		
48	JP	48-2229		01-12-1973		
49	JP	58-38722	A	03-07-1983		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.				Translation ⁶

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/541,574
				Confirmation Number	7802
				Filing Date	July 7, 2005
				First Named Inventor	Kenji INAGAKI
				Art Unit	1755
				Examiner Name	Gennadiy MESH
Sheet	4	of	5	Attorney Docket Number	Q88973

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
	50	JP	2003-070082	A	03-07-2003	MATSUSHITA ELECTRIC IND CO LTD	Abstract
	51	JP	2003-067840	A	03-07-2003	NEC INFRONTIA CORP	Abstract
	52	JP	2003-008162	A	01-10-2003	NIPPON MEKTRON LTD	Abstract
	53	JP	2003-008158	A	01-10-2003	HITACHI CHEM CO LTD	Abstract
	54	CN	1078274	A	11-10-1993		
	55	WO	2004063441	A1	07-29-2004	TEIJIN FIBERS LTD	Abstract
		WO	0181662	A1	11-01-2001		Abstract
		WO	9627036	A	09-06-1996		Abstract
		JP	63-12737	A	01-20-1988	TEIJIN LTD	Partial
		JP	10-96119	A	04-14-1998	TEIJIN LTD	Abstract
		JP	10-25633	A	01-27-1998	TEIJIN LTD	Abstract
		JP	9-111539	A	04-28-1997	TEIJIN LTD	Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
	56	DATABASE WPI, Section Ch, Week 198742, Derwent Publications Ltd., London, GB; AN 1987-294861	
	57	DATABASE WPI, Section Ch, Week 199429, Derwent Publications Ltd., London, GB, AN 1994-238136	
	58	DATABASE WPI, Section Ch, Week 199419, Derwent Publications Ltd., London, GB, AN 1994-156722	
	59	DATABASE WPI, Section Ch, Week 200126, Derwent Publications Ltd., London, GB; AN 2001-247935	

Examiner Signature _____ **Date Considered** _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

<p>Substitute for Form 1449 A & B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	10/541,574
				Confirmation Number	7802
				Filing Date	July 7, 2005
				First Named Inventor	Kenji INAGAKI
				Art Unit	1755
				Examiner Name	Gennadiy MESH
Sheet	5	of	5	Attorney Docket Number	
088973					

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.